The Capitol Hill Monitor

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SCANNING THE 58th PRESIDENTIAL INAUGURATION

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America's 45th President, Donald J. Trump, will take the Oath of Office on Friday, January 20, 2017. In addition to the swearing-in ceremony, the three-day event will include a welcome celebration, wreath-laying ceremony, parade, official balls and a prayer service.

Also in the works are unofficial balls, "alternative" inaugural balls and what could be some of the largest inaugural protests ever with some groups threatening to shut down the inauguration.

This is the 8th CHM inaugural scanning guide and our most detailed ever, thanks to many contributors. Please continue to share your discoveries on the Scan-DC e-mail list or on the DC Zello incident notification channel.

Analog channels have the CTCSS listed in brackets or the DCS code denoted with a "d." P25 digital channels have a network access code (NAC) that start with a "$." Trunked control channels are underlined. For details on repeater inputs/offsets see this RadioReference page.

FEDERAL AGENCIES

The Joint Congressional Committee on Inaugural Ceremonies (JCCIC) is responsible for the planning and execution of the swearing-in ceremonies and the inaugural luncheon at the U.S. Capitol.

Since the 2013 inauguration, the U.S. Capitol Police made good on its plan to migrate to this digital and entirely encrypted P25 trunked system.

USCPD (582-0101) [NAC $580]:
169.575/162.25, 169.8375/162.6125, 170.1375/162.8, 170.375/163.1625, 170.575/163.6, 171.0/164.0125, 171.4125/164.325, 171.7875/164.6125, 172.3875/164.8125, 172.6875/165.0875, 172.9625/165.5375, 173.1625/165.775, 173.475/166.225 and 173.8125/166.425.

In addition, these channels are allocated to USCPD for use nationwide: 163.1/168.35, 166.45/173.525 and 166.475/173.875. In the past, the agency used 166.475, 168.35, 171.575, 172.1875, 173.525 and 173.875 at the political conventions.

Other Capitol Hill Radio Users

167.8875 p	[None]	House Republican Pager
168.3125 p	[None]	House Democrat Pager
411.2625 p	[None]	Capitol PD Incident Notification
173.6375 r	[$293]	Supreme Court Security
408.3000 r	[ ]	Nationwide Senate Repeater
406.3875 t	[DMR]	Cong. Guide Svc., LCN1 CC11
408.5125 t	[DMR]	Cong. Guide Svc., LCN2 CC12
409.8375 t	[DMR]	Cong. Guide Svc., LNC3 CC13
406.9375 r	[77.0]	Capitol Audio/Visual
407.7875 r	[d364]	Capitol Motor Pool (DMR also?)
409.5500 r	[100.0]	Senate Parking Office/Emer Ops.
408.1250 r	[$1A3]	Library of Congress
409.5125 r	[d073]	Gov't Printing Office Security
406.5500 r	[210.7]	National Gallery of Art Security

413.1, 418.075 and 418.55 are designated for use by Congress for low-power emergency or contingency communications. In D.C., the Senate has 411.45 as a legislative clock paging channel with 413.175 for use outside of D.C.

The former Senate VHF paging channels and associated UHF links remain authorized but apparently unused. They were 171.175/406.8 and 171.975/406.675. 413.15 is reserved for Senate paging outside of D.C.

Much of the Park Service has already migrated to digital P25 channels. The U.S. Park Police plans to switch from analog to encrypted P25 conventional channels soon! The new radio system, says Sgt. Anna Rose, U.S. Park Police spokesperson, will "consist of three digital and encrypted simulcast channels for improved coverage in the areas across D.C., Maryland and Virginia that are lacking with our current system."

The contract for equipment and installation was awarded to Motorola Solutions and Sgt. Rose says "we are still working with Motorola to get an exact time frame for installation." The system will be used by U.S. Park Police only but she added that they are working with some partners to help reduce cost on leases at tower sites as well as the overall cost of the system.

Expect changes this year. Some of the new P25 freqs conflict with existing radio systems such as IWN, which could soon become extinct.

National Park Service

166.7250 r/s	[127.3]	US Park PD 1-Alt (165.975 in)
166.9250 r/s	[127.3]	US Park PD 2-Pri (165.925 in)
167.0750 r/s	[127.3]	US Park PD 3-Alt (164.475 in)
166.8500 s	[127.3, $4F9]	US Park PD 4-Tac
168.4250 r/s	[$293]	Nat'l Cap Pks-East (170.1 in)
172.4750 r/s	[$4C5]	National Mall (171.675 in)
172.7500 s	[$4C5]	National Mall & Memorials
169.7750 r	[$4C5]	Geo Wash Pky (163.3375 in)
170.5125 r	[$4C5]	Medical Ch.1 (164.575 in)
171.7750 r	[$4C5]	Digital 1 (164.475 in)

FEDERAL HOMELAND SECURITY AGENCIES

All DHS radios are now programmed with common standard interoperability (IO) zones. On VHF, the DHS **IO1 zone** has DHSNET/DHSTAC, NC 1, IR 1 to IR 9 followed by LE A, and LE 1 to LE 3. On UHF, the DHS **IO2 zone** has DHS-RPT/DHS-SIM, NC 2, IR 10 to IR 18 followed by LE B, and LE 10 to LE 12.

DHS also has six more optional IO zones designated as IO3 through IO8. See page 9 for details and the NC/IR/LE freqs.

DHS Common Channels

170.7875 r/s	[varies]	DHSNET (165.8375 in)
168.5875 s	[$001/100.0]	DHSTAC
408.2875 r/s	[$001, etc.]	DHS-RPT (417.2875 in)
412.4375 s	[$001, etc.]	DHS-SIM
166.4625 s	[$001,103.5]	Federal Common
172.6000 r	[$293]	Common Law 1 (169.8 in)
169.7000 s	[$293]	Common Law 2

Secret Service

As a *national special security event* (NSSE), the Secret Service assumes its role as the lead agency for the design and implementation of the operational inaugural security plan. These are the standard nationwide Secret Service channels.

165.7875 s	[$001]	Baker
165.3750 s	[$001]	Charlie
165.2125 s	[$001]	Mike
164.6500 s	[$001]	Tango
164.8875 s	[$001]	Oscar
164.4000 s	[$001]	Papa
165.6875 r/s	[$001]	Wash Field Office (166.4 in)
170.0000 s	[$001]	WFO Alternate
167.0125 s	[$001]	Vice President's Detail
167.0375 s	[$001]	President's Detail

165.6375 is a relatively recent channel used by the Secret Service. It appears to be used as a repeater input to 167.0125 for special events.

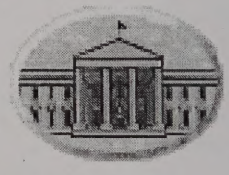
Secret Service radios are pre-programmed with nearly 100 simplex channels intended for use outside the United States. A few of these channels have been used domestically at political conventions and inaugurations. These range from 160.2 to 173.9. All are P25 digital with NAC $001. Those previously noted in use domestically include 163.325, 163.4875 164.9875 and 166.3125.

Also used occasionally in D.C. are the New York/ Newark field office freqs: 164.1, 165.5125, 171.3875 and 172.225.

The Secret Service also has six channels reserved for use by the *Candidate Nominee Operations Section* (CNOS). They are *CNOS1* to *CNOS6*: 168.2375, 168.5875, 170.0875, 172.0625, 166.0 and 167.1, respectively. They too have been used at past political conventions, although we do not know if they still exist.

In his blog, Chris Parris provides a helpful list of former and current Secret Service/White House Communications Agency channels. Although we have no current confirmation, UHF freqs he lists remain authorized and could be deployed for motorcades and at specific sites.

The Secret Service shares several nationwide repeater allocations with FEMA's Urban Search & Rescue (USAR). They include 406.65, 406.675, 406.7, 406.75, 406.8, 407.8, 407.85, 407.875, 407.9, 407.925 and 409.15 with simplex on 414.675.



Uniformed Division, Secret Service

The UDSS protects the White House and selected federal and foreign facilities in the Washington area. See the December 2004 CHM for details.

162.0750 r/s	[$201]	White House 1 (169.9375 in)
163.3125 r/s	[$202]	White House 2 (170.4375 in)
170.0000 s	[$003]	White House Admin
170.0000 s	[$004]	Blair House
164.1750 p	[None]	White House Notification Network
166.2000 s	[$202]	Vice President's Residence
162.3125 r/s	[$211]	Foreign Miss. 1 (171.7625 in)
164.4375 r/s	[$212]	Foreign Miss. 2 (172.5625 in)
170.9875 s	[$213]	Foreign Missions 3
170.0000 s	[127.3]	Inter Ops (Secret Svc common)

ICE will provide pre-event planning, perimeter security with response capabilities as required and additional aerial assets. CBP helicopters, known as "Omaha" on the aircraft band, typically hover near the Capitol over east/ northeast Washington while any additional Omaha helos patrol the entire region. The crews often communicate with each other on 136.375 while using 168.8375, typically encrypted, with their comm center.

Immigration & Customs Enfo/Customs & Border Prot

163.7250 r	[$073]	ICE Wash Net 1 (162.825 in)
164.6750 r	[$075]	ICE Wash Net 2 (162.85 in)
168.9250 r	[$079]	ICE Wash Net 3-IAD (165.825 in)
172.5875 r	[$077]	ICE Wash Net 4 (168.9375 in)
171.2500 r	[$069]	ICE Nationwide RP (162.9125 in)
165.2375 r	[$301]	CBP DNet01 (166.4375 in)
169.4500 r	[$301]	CBP DNet02-IAD (171.075 in)
165.4625 r	[$301]	CBP DNet07-Philly (166.5875 in)
168.8375 s	[$293]	CBP Air 1 (see note on Air 2 to 9)
136.3750 s	[None]	CBP/ICE a/c (Omaha main VHF)
136.5250 s	[None]	CBP/ICE a/c
282.4250 s	[None]	CBP/ICE a/c "Blue 1" (main UHF)
308.3500 s	[None]	CBP/ICE a/c "Blue 2"
350.0250 s	[None]	CBP/ICE a/c "Blue 3" (Guardian)
376.0750 s	[None]	CBP/ICE a/c "Blue 4"

During the 2009 inauguration, ICE and HMX-1 used 122.8 for coordination during the ceremonial train trip to Washington. CBP aircraft work closely with Coast Guard helos and the military jets assigned to D.C. combat air patrols (CAP). See the CAP frequencies on page 6, especially 139.7. CBP has eight more VHF "Air" channels that could be used for the inauguration.

In addition to coordinating maritime security, the Coast Guard is tasked with airborne homeland security patrols and intercepting unauthorized aircraft entering restricted airspace. USCG helicopters use scrolling banner signs that tell pilots to contact them on 121.5 (122.75 used for training), where they are given further instructions. Coast Guard helos assigned to D.C. are known as "Blackjack" because they originate from Air Station Atlantic City but operate from National Airport Hangar #7.

The USCG has more than 40 non-marine channels available for use. On the water, the agency will establish a security zone during the inaugural period.

Coast Guard

156.8000 s	[None]	Ch. 16 (Hailing, Distress)
156.8500 s	[None]	Ch. 17 (D.C. harbor patrol coord.)
157.0500 s	[None]	Ch. 21 (CG, "Blackjack" helos & CGAS Washington Maint., "Pit Boss")
157.1500 s	[None]	Ch. 23 (CG Sta. Washington)
162.0500 s	[$293]	CG-108
165.3125 s	[$293]	CG-121 (CG Sta. Washington)
412.9750 s	[$293]	CG-409 (CG aircraft and cutters)
345.0000 s	[None]	Coast Guard a/c (primary)
237.9000 s	[None]	Coast Guard a/c (secondary)
326.1500 s	[None]	Coast Guard a/c (working main)
379.0500 s	[None]	Coast Guard a/c (working alt.)

Other Homeland Security elements participating will include those from the FPS, TSA and FEMA.

Federal Protective Service

408.2000 r/s	[$201]	Federal Protective Service
410.8000 r/s	[$201]	Federal Protective Service

TSA personnel from across the country will assist with screening along the parade route and at some events.

Transportation Security Administration

172.1500 r/s	[varies]	National Airport
172.9000 r/s	[$037, etc.]	National Airport

TSA may be in the midst of updating radios to conform to the NTIA VHF band plan. Check Chris Parris' blog for other candidate freqs.

Federal Emergency Management Agency

As a designated *national special security event*, FEMA has the primary responsibility for coordination of contingency planning and will provide readiness, coordination, response and recovery capabilities.

FEMA, much like the Dept. of Health & Human Services, sponsors specialized teams that will stage during the inauguration. FEMA has a standard set of channels for use nationwide and others specifically intended for the National Capital Region (NCR).

The National Interagency Fire Center (NIFC) has provided FEMA/DHHS with radios during large-scale disasters and events. These radios come from the agency's National Interagency Incident Communications Division (NIICD) in Boise, Idaho. The radios could be used for the inauguration. Frequencies are here.

Mobile Emergency Resource Support (MERS) teams provide electronic communications support to local public safety agencies. FEMA will probably place the Fairfax and/or Montgomery *Urban Search And Rescue* (USAR) teams on "alert status" during the inauguration. They specialize in confined-space rescue. Both teams will likely use both their county and FEMA radios.

406.4500 s/r	[varies]	NCR 1-4 DC Main
409.8625 s/r	[varies]	NCR 5-6 DC Alternate
412.8875 s	[varies]	NCR 7
412.9125 s	[varies]	NCR 8
410.8625 s/r	[varies]	NCR 9/10
407.4500 s/r	[varies]	NCR 11/12
408.0625 s/r	[varies]	NCR 13/14
409.4625 s	[varies]	NCR 15
418.4625 s	[141.3]	NCR Common
406.2625 s/r	[varies]	FEMA 1/2
407.0625 s/r	[varies]	FEMA 3/4
407.6625 s/r	[$312, etc.]	FEMA 5/6 (nationwide link)
409.0625 s/r	[varies]	FEMA 7/8
410.4625 s/r	[$312, etc.]	FEMA 9/10
407.4500 s/r	[varies]	FEMA 11/12
406.4625 s/r	[varies]	FEMA
408.2625 s/r	[$312, etc.]	FEMA
412.8250 s	[varies]	MERS 1
412.8500 s	[varies]	MERS 2

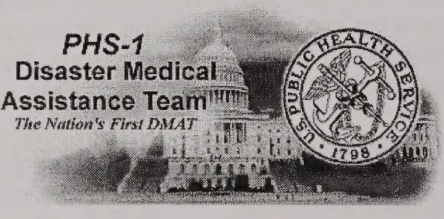
FEMA

412.8375 s	[varies]	MERS 3
412.8625 s	[varies]	MERS 4
412.8750 s	[varies]	MERS 5
412.9000 s	[varies]	MERS 6
412.8875 s	[varies]	MERS 7
412.9125 s	[varies]	MERS 8
410.8625 s/r	[varies]	MERS 9/10
407.4500 s/r	[varies]	MERS 11/12
408.0625 s/r	[varies]	MERS 13/14
409.4625 s/r	[varies]	MERS 15
408.8625 s/r	[141.3, etc.]	USAR 1/2
409.2625 s/r	[141.3, etc.]	USAR 3/4
409.6625 s/r	[141.3, etc.]	USAR 5/6
409.8625 s/r	[141.3, etc.]	USAR 7/8
410.2625 s/r	[141.3, etc.]	USAR 9/10
410.6625 s/r	[141.3, etc.]	USAR 11/12
412.8250 s	[141.3, etc.]	USAR 13
412.8500 s	[141.3, etc.]	USAR 14

Although under separate departments, FEMA and DHHS are closely related and share similar or identical channel plans, shown above and below. Many of these UHF channels are shared between the departments and other federal agencies. Multiple digital NACs on the same channel could suggest multiple agencies.

FEDERAL HEALTH & HUMAN SERVICES AGENCIES

DHHS operates, funds and/or oversees several medical teams which will be available during inaugural events. The *National Disaster Medical System* (NDMS) assists local agencies with the medical impacts of major peacetime disasters and provides support for military casualties returning home. FEMA actually manages the NDMS radios.



Among other elements, NDMS includes DMAT and NMRT. The *Disaster Medical Assistance Teams* (DMAT) provide medical care during a disaster or other event. The *National Medical Response Team* (NMRT) provides medical and decontamination services and/or assists agencies with hazmat response. The D.C. NMRT group has talkgroups on Arlington County's trunked system. Also try the NIH trunked system for possible support activity.

407.1250 r	[varies]	DMAT
409.0000 r	[$447]	DMAT/DHHS Common
409.0500 s/r	[$447]	DMAT
406.8625 s/r	[$312, etc.]	FEMA/NDMS 1/2
407.2625 s/r	[varies]	NDMS 3/4
407.4625 s/r	[varies]	NDMS 5/6
409.0750 s/r	[varies]	NDMS 7/8
412.8375 s	[varies]	NDMS 9
412.8625 s	[varies]	NDMS 10
412.8750 s	[varies]	NDMS 11
412.9000 s	[varies]	NDMS 12
412.8875 s	[varies]	NDMS 13
409.4625 s	[varies]	NDMS 14
00045 t	(hex 02D)	NMRT-A (Arl. Co. FD A1H)
00046 t	(hex 02E)	NMRT-B (Arl. Co. FD A1I)
00047 t	(hex 02F)	NMRT Cmd (Arl. Co. FD A1J)

FEDERAL JUSTICE DEPARTMENT AGENCIES

The Justice Department manages the Integrated Wireless Network (IWN) in the NCR. IWN features multiple trunked sites in the 167-174 MHz band and is often encrypted but not entirely. Sites listed here cover downtown D.C. are worth checking as they had some use in the 2013 inauguration. See Radio Reference for more.

IWN 010-1201 (MPD 4D tower, 6001 Georgia Ave NW)

172.0125 t	[$010]	Main Control Ch. (166.8875 in)
172.1875 t	[$010]	Alternate Ctrl. Ch. (170.5875 in)
172.2875 t	[$010]	Alternate Ctrl. Ch. (170.6875 in)
172.6375 t	[$010]	Alternate Ctrl. Ch. (171.0375 in)

IWN 010-0401 (Hoover FBI Bldg., 935 Pa Ave NW)

168.9750 t	[$010]	Alternate Ctrl. Ch. (167.375 in)
169.1875 t	[$010]	Alternate Ctrl. Ch. (167.5875 in)
171.4375 t	[$010]	Alternate Ctrl. Ch. (169.8375 in)
171.7750 t	[$010]	Main Control Ch. (166.3625 in)
172.4250 t	[$010]	(170.825 in)

Federal Bureau of Investigation

During a designated *national special security event* the FBI takes charge of intelligence, counter terrorism, hostage rescue and investigation of incidents of terrorism or other major criminal activities associated with the event. The FBI has many channels available for use and dual-band radios that can communicate with local jurisdictions. These FBI channels have been commonly used in the past in downtown D.C.

136.2750 s	[None]	FBI a/c "Limo/Ross" (DHS too?)
167.4375 r/s	[$167]	D.C. Administrative
167.4875 r/s	[$167]	Downtown D.C. repeater
167.2125 r/s	[$167]	D.C. Metro Area
167.7125 r/s	[$167]	D.C. Metro Area
167.4625 r/s	[$167]	Area Wide 1
167.4125 r/s	[$167]	Area Wide 2
167.3625 r/s	[$167]	Spec. Ops Grp 1
167.2625 r/s	[$167]	Surveillance 1
168.9750 r/s	[$167]	Surveillance 2
167.9500 r/s	[$167]	Surveillance 3
167.5625 s	[$167]	Bureau Common

ATF agents will be on standby and may operate on IWN or their own channels. ATF building security uses JIWN.

Alcohol, Tobacco, Firearms and Explosives Bureau

165.2875 r/s	[$650]	Nets 1 to 10 (166.5375 in)

AGENCIES FROM OTHER FEDERAL DEPTS.

State Department

The State Department provides security for the Secretary of State and foreign official visitors, except heads of state, who are protected by the Secret Service.

407.6000 r/s [$0F0] Protection details
407.8625 r/s [$0F0] Building security "Side Door"
408.6000 r/s [$0F0] Protection details
409.0375 r/s [$0F0] Protection details?
409.5250 r/s [$0F0]
409.7125 r/s [$0F0] Maintenance?
413.6375 s [$0F0] Agent-to-Agent

Chris Parris lists six more of the agent-to-agent channels as well as two oddball channels, 403.1 and 424.5, which he suspects are intended for use outside the U.S.

Energy Dept-National Nuclear Security Administration

Expect the Radiological Assistance Program (RAP) and the Nuclear Emergency Support Team (NEST) to be available for any nuclear-related incident. The teams have four freqs that could be used nationwide and will likely be deployed for the inauguration:

164.6, 164.8625, 166.4875 and 172.55

Federal Communications Commission

167.0500 r/s [$124?] FCC field enfo (172.8 in)

The FCC has been active during past events in Washington, often tracking sources of interference and pirate broadcasters. Also, anarchists and hackers in the past have threatened to interfere with radio communication.

Of especial concern is the possibility that radio equipment could be used as a detonator. Because of this, radio jammers have been deployed in some motorcades or even event sites. This could complicate frequency coordination and cell phone usage.

NTIA NXDN Trunked System

The Smithsonian museums, National Zoo and the Kennedy Center are among the most active users of the multi-site NTIA trunked system in downtown Washington. This system uses IDAS, Icom's NXDN trunking format. It is also entirely encrypted.

406.1625, 406.5875, 407.675, 408.45, 408.875, 409.425, 409.75, 409.85, 409.8875 and 410.9625.

Common-Use Channels

Worth monitoring are these common-use frequencies which are available for use on a shared basis by any federal agency: 163.1/168.35, 163.7125, 168.6125, 173.625/167.1375, 407.525/416.525, 409.05/418.05, 409.075/418.075, 409.3375/418.3375, 412.825, 412.8375, 412.85, 412.8625, 412.875, 412.8875, 412.9 and 412.9125. The older wide-band channels are: 408.4, 418.05, 418.075 and 418.575.

MILITARY AGENCIES

Joint Task Force-National Capital Region (JTF-NCR)

The JTF-NCR, with an authorized strength of 820 service members from all military branches, is responsible for coordinating all military ceremonial support on behalf of the *Presidential Inaugural Committee* and the *Joint Congressional Committee on Inaugural Ceremonies*.

The JTF-NCR will coordinate the more than 5,000 service members who will provide musical elements, color guards, salute batteries and honor cordons.

The JTF-NCR 380 MHz trunked system consists of networked sites that link most facilities under the JTF-NCR command. Typically the same talkgroup will simulcast across multiple sites. Only those sites closest to downtown are shown here.

The inaugural task force's command and control nets have often operated on Belvoir's radio nets. See this RadioReference link for talkgroups.

001-0101 [NAC $001] **Fort Belvoir, Va:** 381.675, 381.825, 381.975, 385.0125, 385.2125, 385.8875, 386.1875, 386.3375.

002-0101 [NAC $002] **Mark Center, Alexandria, Va:** 380.0625, 380.325, 380.375, 380.625, 380.675, 380.825, 380.975, 381.0875.

002-0202 **Pentagon, Va**: 380.2125, 380.525, 380.775, 381.1375, 381.625, 381.775, 381.925.

006-0606 [NAC $008] **Tysons Corner, Va:** 380.075, 380.425, 380.725.

006-0707 [NAC $009] **Silver Hill, Md:** 380.275, 380.575, 380.875, 381.7375.

007-0202 [NAC $005] **Army Laboratory Center, Adelphi, Md:** 389.025, 389.575, 389.725.

00C-0101 [NAC $00C] **Pentagon-East, Va**: 381.2875, 385.7125, 386.2125, 386.5625, 386.8125.

015-0404 [NAC $00B] **JB Anacostia-Bolling, DC:** 386.0625, 386.9625, 388.2625, 388.5625, 388.8875, 389.0375, 389.1625, 389.2375, 389.4875, 389.8375.

015-0707 [NAC $06A] **Walter Reed NMMC, Bethesda, Md:** 385.0875, 385.325, 385.725, 385.9375, 387.175, 387.475, 387.975.

Joint Base Andrews may be especially interesting as various VIPs arrive and depart. The base has a unique set of talkgroups on the JTF-NCR network.

019-2727 [NAC $06D] **JB Andrews, Md:** 385.3125, 385.9, 385.9125, 386.0375, 386.2, 386.3375, 386.5, 386.6375, 386.8.

This aviation section has been compiled mostly by Ron Perron. Also see his extensive online listings of military call signs and aviation frequencies.

Joint Base Andrews (KADW) Aviation Freqs

118.400 / 349.000	Andrews Tower
121.800 / 275.800	Andrews Ground
128.000 / 269.000	Potomac Approach
118.675 / 323.175	Potomac Approach
125.650 / 348.725	Potomac Departure (east)
118.950 / 257.200	Potomac Departure (west)
323.175	Potomac Approach/Departure
127.550 / 285.475	Clearance Delivery
351.200	AFRC 756th ARS Ops
314.250	DC ANG 201st AS Ops/CP
328.400	US Navy VR-53 Ops/CP
121.500 / 243.000	Emergency
344.600	PMSV Metro
141.550 / 378.100	Andrews Command Post "Griffin"
128.350 / 257.200	RADAR, also: 286.6, 301.5, 316.7
139.300 / 372.200	Pilot to Dispatcher (PTD)
133.750 / 254.350	Spisy Star
125.350 / 335.500	GCA, also: 360.8, 379.2
120.450 / 306.925	Tikee Star
126.400 / 282.375	Vudoo Star
139.900 / 234.800	DC ANG 121st FS Supv. of Flying
292.800	Air Force 1/SAM Air-to-Air (A-A)
141.700 / 292.200	1st Helo Squad, 89th A/W, ("Musel")
138.025	DC ANG 121st FS A-A Discrete
139.150	DC ANG 121st FS A-A Discrete
139.450	DC ANG 121st FS A-A Discrete
143.150	DC ANG 121st FS A-A Discrete
143.600	DC ANG 121st FS A-A Discrete
143.850	DC ANG 121st FS A-A Discrete

Fort Belvoir/Davison Army Airfield (DAA)

Among other tasks, Fort Belvoir/Davison Army Airfield (KDAA) provides "shuttle" services around the Military District of Washington for military VIPs.

118.850	Davison AAF GCA/P
119.950	Davison AAF RADAR
121.900	Ground Control
126.300	Tower
139.400	Davison AAF Metro "Davey Ops"
229.400	Tower
241.000	US Army common
245.200	Clearance Delivery/Ground Control
246.800	Army National Guard, Air to Air
255.700	Army National Guard, Air to Air

Pentagon Heliport (KJPN)

143.100	Tower
231.300	Tower
268.000	Wheelhouse Pentagon switchboard
287.600	"Foghorn Control"

This P25 trunked site (14C) is part of the Marine Corps system at the Pentagon which has been used to support the annual marathon. It is part of this Navy/Marine trunked network, not the JTF system.

14C-0403 [NAC $140] **Marine Corps-Pentagon, Va:** 380.4875, 381.2, 381.3375, 381.6875, 381.8375.

The Marine Corps presidential and vice presidential executive flight squadron is known to the military as *HMX-1*, to the Secret Service as *Nighthawk*, and to the public as *Marine 1 or 2*. HMX-1 helos & V-22 Ospreys are based at MCAF Quantico, Va., but often stage at the old Naval Air Station in Anacostia.

USMC Exec Flight Sq (HMX-1)-MCAF Quantico (KNYG)

263.150	Quantico ATIS
355.300	Quantico Base Ops
340.200	Quantico Ground
127.050 / 290.375	Quantico Approach
118.600 / 360.200	Quantico Tower
265.800	Quantico Common
375.000	Quantico Helipad
277.175	HMX-1 Control
143.825 / 273.950	HMX-1 Discrete
142.750	HMX-1 Discrete
276.400	HMX-1 Ops
318.900	HMX-1 Base
320.400	HMX-1 Maintenance

Combat Air Patrols

139.700	Huntress, Coast Guard Helos
260.900	Huntress, CAPs
228.900	Huntress
135.525	"Guard Dog" (NCR CAP Control)
350.250	"Guard Dog" (NCR CAP Control)

Tactical aircraft radios in the 138-144 MHz band employ amplitude modulation (AM). The Coast Guard helos (see page 3) assist with combat air patrols. Also note the discrete freqs used by Homeland Security/CBP (page 3) and FBI (page 4) aircraft.

Here are other important aviation frequencies — including 134.35 — which are useful to identify what aircraft are flying over D.C. The FAA has issued this flight advisory for the inaugural period.

National Airport (Mount Vernon Sector)

118.300 / 306.300	Final East DCAFE
118.950 / 257.200	Departure West (loiterers over D.C.)
119.100 / 257.600	Reagan Tower
119.300 / 335.500	Approach ADWAR
119.850 / 322.300	Approach West QJAAY
134.350 / 257.600	Washington Helicopter Control
121.050 / 343.700	West 10,000' up to FL 230 FLUKY
121.500 / 243.000	Aircraft Emergency
124.000 / 279.575	Andrews for Arl. Flyovers, ADWFR
124.200 / 269.000	Approach East ENSUE
124.700 / 338.200	Final West DCAFW
125.650 / 348.725	Dep. East 9500' & below KRANT
126.550 / 269.500	Dep. East 10,000' thru FL190 DAILY
128.350 / 270.275	App. SE 19K ft down to 3K ft DEALE

Civil Air Patrol (CAP)

Don't confuse Combat Air Patrols with the Civil Air Patrol, both CAP! The Civil Air Patrol radio nets are typically activated to support the inauguration. Each repeater has a unique CTCSS and NAC. See Radio Reference for other simplex channels that could be used.

143.9000 s	[ ]	Maryland Civil Air Patrol
148.1250 r/s	[varies]	(143.55 in)
148.1375 r/s	[varies]	(143.625 in)
148.1500 r/s	[136.5]	(143.7 in)
150.5625 s	[151.4]	Falcon Virgo intercept exercises

White House Communications Agency (WHCA)

Another important military element which provides support to the inauguration as well as the President is the *White House Communications Agency* (WHCA). Agency personnel routinely use Secret Service and DoD channels in addition to these radio nets.

169.9250 s	[$001/103.5]	Delta
172.4125 s	[$001]	Hotel (was 167.9 MHz)
166.7000 s	[$001/103.5]	November
166.2000 s	[$001/103.5]	Naval Sup Fac-Cmp David
166.5125 s	[$001/103.5]	Sierra

On his blog, Chris Parris lists 11 channels for a transportable WHCA UHF trunking system. Also, the channels formerly used for phone patches and paging, 407.85/415.7, 167.025/413.05 and 162.6875/171.2875, have been inactive for years but are still authorized.

Military Intra-Squad Radios

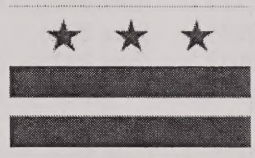
The military has 14 channels similar to the civilian FRS band: Ch.1 396.875, Ch.2 397.125, Ch.3 397.175, Ch.4 397.375, Ch.5 397.425, Ch.6 397.475, Ch.7 397.55, Ch.8 397.95, Ch.9 398.05, Ch.10 399.425, Ch.11 399.475, Ch.12 399.725, Ch.13 399.925, Ch.14 399.975

Joint Task Force-District of Columbia (JTF-DC)

JTF-DC provides National Guard support to local civilian authorities. More than 7,500 citizen-soldiers and airmen from about 40 states will provide traffic control, crowd management and logistical support during the inauguration. The National Guard is home to a wide variety of capabilities which can integrate with other agencies to enhance inaugural support capabilities. They typically will use talkgroups on the DC P25 trunked system. But what other tactical freqs does the DCNG use nowadays?

52.7500 s	[150.0]	DC Nat'l Guard CP ("DC Ops")

LOCAL GOVERNMENT



As host city, the District government has its own inaugural website and will be a major player. The city's P25 trunked system is a mix of older FDMA digital, commonly used by the fire/EMS radios, while the newer, more spectrum efficient, TDMA digital format is used by police. Many talkgroups, but not all, are encrypted.

DC P25 TRS (445-0103) [NAC $443]: FDMA: 854.8625, 855.2125, 855.2375, 855.4625, 856.1875, 856.5875, 856.9875, 857.1875, 857.5875, 857.9875, 858.5875, 858.9875, 859.0375, 859.0875, 859.9875, 860.9875, 774.34375; TDMA: 769.90625, 769.96875, 770.40625, 770.46875, 770.71875, 770.96875, 773.34375, 774.03125, 774.28125.

During previous special events, fire/EMS crews are often assigned to one of several talkgroups regardless of the actual channel designation. FEMS has two unencrypted "special event" talkgroups (0-13/14). Also available are two encrypted special event (0B-13/14) and two SOD talkgroups (0B-11/12). Here are the key unencrypted fire/EMS channels to consider. The 0A/0B/0C zones are mostly encrypted and are not listed.

Selected Unencrypted D.C. Fire/EMS (FEMS) Groups:

101	t	(hex 065)	0-1 Dispatch
102	t	(hex 066)	0-2 Main
700	t	(hex 2BC)	0-3 Incident 10 (main fireground)
728	t	(hex 2D8)	0-11 EMS 5 (east tac)
729	t	(hex 2D9)	0-12 EMS 6 (west tac)
716	t	(hex 2CC)	0-13 Special Event 1
717	t	(hex 2CD)	0-14 Special Event 2
851.8625 r/s		[$293]	VRS/DIR 1 (veh rptr sys) [RINS5]
851.8375 r/s		[$293]	VRS/DIR 2 (veh rptr sys) [RINS2]

The regional interoperability zone (RIZ) is standard in

most, if not all, D.C. radios as well as in radios from nearby jurisdictions. Some channels are left blank depending on the user. Talkgroups in this zone may be assigned to specific usages with or without external patches. In past inaugurations, some groups were patched with 851.5125, 159.15 and 168.875. See the mutual aid section on page 9 for other candidate freqs.

The "DC RIZ" ZONE

0166	t	(hex 0A6)	1 DC UCC 1 (Unified Comm. Ctr)
0167	t	(hex 0A7)	2 DC UCC 2
2341	t	(hex 925)	3 DC UCC 3
2343	t	(hex 927)	4 DC UCC 4
3747	t	(hex EA3)	5 DC MA 1 (Mutual Aid 1)
3748	t	(hex EA4)	6 DC MA 2 (same as DC IO1)
0621	t	(hex 26D)	7 DC MAF 1 (Mutual Aid Fire 1)
0623	t	(hex 26F)	8 DC MAF 2
2221	t	(hex 8AD)	9 DC EMA 1 (Emer. Mgt. Agcy 1)
2223	t	(hex 8AF)	10 DC EMA 2
2101	t	(hex 835)	11 DC EXEC 1 (sr. city officials)
2103	t	(hex 837)	12 DC EXEC 2 (city officials)
851.3625	r	[156.7]	13 DC PMARS (pol. mutual aid)
2353	t	(hex 931)	14 DC Spare 1
2355	t	(hex 933)	15 DC Spare 2
1039	t	(hex 40F)	16 DC CW 1 (MPD Citywide)

This mutual aid "MA" zone consisting of only six talkgroups is limited to MPD radios only.

MPD "MA" ZONE (MPD only)

3748	t	(hex EA4)	1 DC IO1/MA 2 (159.15 patch)
1201	t	(hex 4B1)	2 DC MIRS (police mut aid patch)
3749	t	(hex EA5)	3 DC MA 3 (Mutual Aid, police)
3750	t	(hex EA6)	4 DC MA 4
1312	t	(hex 520)	5 US Capitol PD 1
1314	t	(hex 522)	6 US Capitol PD 2

Most other D.C. police talkgroups are encrypted with the exception of those shown in this newsletter. Here are other key unencrypted D.C. talkgroups beyond those previously listed. Expect many other talkgroups in use that are seldom used, mostly between 2000 and 2500.

0122	t	(hex 07A)	DC Radio Cache
0162	t	(hex 0A2)	MPD to DC Fire Link
0624	t	(hex 270)	MAF 3 (Mutual Aid Fire 3)
0627	t	(hex 273)	MAF 4
1316	t	(hex 524)	TF2 DC Clear (see page 10)
1533	t	(hex 5FD)	WMATA 1 (Metro Transit PD 1)
1535	t	(hex 5FF)	WMATA 2 (Metro Transit PD 2)
2099	t	(hex 833)	Health Dept.
2117	t	(hex 845)	Homeland Sec-Emer Mngt Agcy
2151	t	(hex 867)	Human Services Dept.
2177	t	(hex 881)	Protective Svcs (bldg security)
2179	t	(hex 883)	National Guard (bldg security)
2225	t	(hex 8B1)	Traffic Management Center
2305	t	(hex 901)	Health Dept-Emg Healthcare Net
2505	t	(hex 9C9)	For-Hire Vehicles Inspectors

Hypothermia vans use 30040 on the FleetTalk DMR net.

U.S. Park PD, MPD and Secret Service use 158.85 with VIP motorcades, typically by motorcycle officers escorting the President. It is patched with MPD's SD4-SEC.

MPD Conventional Freqs

158.8500	r	[$001]	SD4/Motorcade Patch (156.09 in)
773.03125	s	[$293]	Citywide Surveillance 1
774.09375	s	[$293]	Citywide Surveillance 2
774.53125	s	[$293]	Citywide Surveillance 3

The Red Cross has a slew of freqs licensed for use nationwide. The organization often aids people who require medical or other assistance during large events.

Those ARC freqs reported previously used in D.C. by Dave Schoenberger appear below. Also try 453.0125, 453.525, 464.025, 464.6, 464.625, 464.65, 464.7, 464.725 and 464.75.

American Red Cross

47.4200 s	[varies]	American Red Cross
453.4250 r/s	[d226]	American Red Cross
453.4750 r/s	[146.2]	American Red Cross
462.3750 r/s	[88.5]	Mont. Co. Emer. Comm. Agency
462.4000 r/s	[d226]	Mont. Co. Emer. Comm. Agency
464.7500 r/s	[146.2]	American Red Cross, Arl. Co.

Because of their proximity to downtown D.C., worth mentioning are the Virginia STARS and Arlington County P25 trunked systems.

Virginia STARS P25-Arl. Co.(19E-0113) [NAC $190]: 152.2175, 152.5325, 158.8275, 159.195, 159.2625.

Key STARS Groups in VSP Div. 7

00065	t	(hex 0041)	VSP Fairfax Ch.1
00067	t	(hex 0043)	VSP Fairfax Ch.2
00104	t	(hex 0068)	VSP Fairfax Ch.3 (spec use)
00070	t	(hex 0046)	VSP Blue 7 (working ch.)
06146	t	(hex 1802)	VSP Mut Call 7 (link to VSP disp)
06147	t	(hex 1803)	ComLinc 7 (external-STARS link)
06148	t	(hex 1804)	STARS Mutual 7 (mutual aid)
06149	t	(hex 1805)	VSP-InOp-LE-7 (law enfo int-ops)
06150	t	(hex 1806)	VSP-InOp-PS-7 (pub svc int-ops)
155.1075	s	[ ]	VSP Inaugural Special (see STA)

David Schoenberger had confirmed STARS talkgroup 4525 in use during the 2013 inauguration by the Virginia Dept. of Military Affairs. Richard Rowland says 4529 is used by the DMA helicopters for flight following. Also try DMA on 4517, 4520, 4521, 4524, 4528, 4566 and 4567.

The Commonwealth has licensed 800 MHz transportable trunked sites that connect to the STARS network. Excluding mutual aid channels, these include 31 channels. According to the FCC license, WQOG986, none are authorized for use in the D.C. area.

Arlington Co. P25 (1CA-0101) [NAC $1C0]: 851.7125, 851.8125, 852.675, 856.4375, 856.7625, 856.9375, 857.7625, 857.9375, 858.4375, 858.7625, 858.9375, 859.4375, 859.7625, 859.9375, 860.4375, 860.7625, 860.9375.

The Arlington County coordination and OEM talkgroups are good candidates for inaugural details. Also try the alternate police, fire/EMS and NMRT groups.

INTEROPERABILITY / MUTUAL AID CHANNELS

Each jurisdiction in the D.C. area has a "cache" of spare 700/800 MHz radios for use during emergencies and special events. These radios are programmed with local jurisdiction's trunked and conventional channels as well as national and local interoperability (IO) channels.

Often the radios are programmed with whatever IO channels they can accept based on band. The national IO channel assignments are shown in the National Interoperability Field Operations Guide (NIFOG).

More than 80 channels have been nationally designated for IO/mutual aid use. In addition, the D.C. area has its own channels as noted here.

Repeated channels are given an "R" suffix while "D" is used to denote direct/simplex (ex. 8TAC91-D), "C" indicates it is unencrypted. Unless otherwise noted, all channels in this section are analog with a CTCSS of 156.7 Hz or carrier squelch.

123.0250 s Public Safety Helos (helicopter common)
154.2800 s Fire Mutual Aid 2 (VFIRE21)
154.2950 s Fire Mutual Aid 1 (VFIRE23)
155.4750 s National Law Enfo Emer Freq (VLAW31)
462.4000 r D.C. Hospital Mutual Aid [CTCSS 77.0]

During previous inaugurations, repeaters were activated on all five national 800 MHz and several RINS channels from the FBI Hoover Building and/or the MPD-4D police station. Some repeaters are patched with selected D.C. RIZ/MA talkgroups or 159.15 and 168.875. They are also used without a patch for specific purposes.

These channels could play an important role in this inauguration because of the more than 3,200 police officers coming from across the country to assist. They may already have these channels in their radios.

Non-Federal 800 MHz National Interoperability Chs.
851.0125 r/s National Calling Ch (8CALL90)
851.5125 r/s National Tac 1 (8TAC91)
852.0125 r/s National Tac 2 (8TAC92)
852.5125 r/s National Tac 3 (8TAC93)
853.0125 r/s National Tac 4 (8TAC94)

The D.C. P-MARS and Regional Inter-Service "RINS" channels were created by the Council of Governments (COG). RINS channels are also used by any COG member for digital or analog intra-agency communication without the 156.7 Hz tone.

851.3625 r D.C. Police Mutual Aid (P-MARS)
853.5125 r/s Regional Inter-Service (RINS1)
851.8375 r/s Regional Inter-Service (RINS2)
852.2375 r/s Regional Inter-Service (RINS3)
852.4875 r/s Regional Inter-Service (RINS4)
851.8625 r/s Regional Inter-Service (RINS5)
852.7625 r/s Regional Inter-Service (RINS6)

These IO channels are funded by the Justice Department and are known appropriately as the "25 Cities Project" channels. See this MT blog for details. They are used only by law enforcement in the D.C. area.

159.1500 r [$653] DC IO1 (155.25 in)
168.8750 r [$653] DC IO2LE2 (162.975 in)

These channels are intended for joint incident response (IR) and law enforcement (LE) by federal and civilian agencies. They are routinely programmed in new radios.

VHF Federal IR Chs. (Zone IO-3 in Justice Dept. radios)
169.5375 r/s [167.9] NC 1 (calling)/IR 5 (164.7125 in)
170.0125 r/s [167.9] IR 1/IR 6 (165.25 in)
170.4125 r/s [167.9] IR 2/IR 7 (165.9625 in)
170.6875 r/s [167.9] IR 3/IR 8 (166.575 in)
173.0375 r/s [167.9] IR 4/IR 9 (167.325 in)

UHF Federal IR Chs. (Zone IO-4 in Justice Dept. radios)
410.2375 r/s [167.9] NC 2 (calling)/IR 15 (419.2375 in)
410.4375 r/s [167.9] IR 10/IR 16 (419.4375 in)
410.6375 r/s [167.9] IR 11/IR 17 (419.6375 in)
410.8375 r/s [167.9] IR 12/IR 18 (419.8375 in)
413.1875 s [167.9] IR 13
413.2125 s [167.9] IR 14

VHF Federal LE Chs. (Zone IO-5 in Justice Dept. radio)
167.0875 s [167.9] LE A (calling channel)
167.0875 r [167.9] LE 1 (162.0875 in)
167.2500 r/s [$68F] LE 2/LE 6 (162.2625 in)
167.7500 r/s [$68F] LE 3/LE 7 (162.8375 in)
168.1125 r/s [$68F] LE 4/LE 8 (163.2875 in)
168.4625 r/s [$68F] LE 5/LE 9 (163.425 in)

UHF Federal LE Chs. (Zone IO-6 in Justice Dept. radio)
414.0375 s [167.9] LE B (calling channel)
409.9875 r/s [167.9] LE 10/LE 16 (418.9875 in)
410.1875 r/s [$68F] LE 11/LE 17 (419.1875 in)
410.6125 r/s [$68F] LE 12/LE 18 (419.6125 in)
414.0625 s [$68F] LE 13
414.3125 s [$68F] LE 14
414.3375 s [$68F] LE 15

All police radios in the D.C. area are programmed with two "task force" zones. The first zone features 16 700 MHz IO channels in simplex mode. Only the first four channels in the TF1 zone, below, are unencrypted. They are available to all regional law enforcers. The remaining 12 simplex channels in the TF1 zone — 7TAC51 to 56 and 7TAC71 to 76 — are encrypted, intended for use by regional task forces and SWAT teams.

Regional Law Enforcement Task Force 1 "TF1" Zone

770.39375	s	[$293]	1 7LAW61D
770.49375	s	[$293]	2 7LAW62D
774.00625	s	[$293]	3 7LAW81D
774.35625	s	[$293]	4 7LAW82D

Forty 700 MHz frequency pairs have been designated as national IO channels. MPD radios have only the 16 700 MHz IO simplex channels noted above so we are uncertain to what extent any of them will be deployed. See pages 43-50 of the NIFOG for the frequencies.

Also worth mentioning is the regional task force "TF2" zone. In that zone, D.C., Fairfax, Montgomery and Prince George's each contribute an unencrypted talkgroup from their respective systems along with two encrypted talkgroups, one AES and one DES. As noted on page 8, "TF2 DC CLEAR" is 1316. "TF2 DC SEC 1" and "TF2 DC SEC 2" are 1317 and 1318. The other jurisdictions' sets probably will be of limited use because of their distance from inaugural sites.

TRANSPORTATION

The inaugural joint transportation plan is now online!

The contract for the new Washington Metropolitan Area Transit Authority (WMATA) P25 system has just been awarded to Motorola Solutions for a combined 490/700 MHz trunked network. Buses and police will be first to migrate but no timeline has been released. In the meantime, WMATA remains on this Motorola trunked system. See RadioReference for talkgroups.

WMATA Motorola TRS (8209-Site 1) [NAC $091]:
490.7625, 490.7875, 490.8375, 490.8625, 490.8875, 490.9125, 490.9625, 496.3375, 496.4375, 496.4625, 496.4875, 496.5375, 496.5625, 496.5875, 496.6125.

Amtrak and Union Station

160.2900 r	[114.8]	Ch.1 Yardmaster (161.37 in)
160.3500 r	[114.8]	Ch.2 Train Maint (161.145 in)
160.4400 r	[114.8]	Ch.3 Station Svcs (161.445 in)
160.6350 r	[151.4]	Amtrak
160.9200 s	[None]	Amtrak Road
160.9950 r	[d023]	Amtrak Engineering
161.2950 r	[192.8]	Amtrak PD (160.665/160.365 in)
161.2050 s	[146.2]	Amtrak Police (car to car)
173.3750 s	[146.2/203.5]	Amtrak Police CID/PTL
464.5750 r	[d346]	Shops - Security Primary
464.5250 r	[d311]	Shops - Security Alternate
464.9250 s	[d311]	Shops - Security Alternate

See **David Schoenberger's** website for Union Station.

Metropolitan Washington Airports Authority (MWAA)

MWAA is the authority that runs Reagan and Dulles airports. It has its own digital Motorola trunked system (523E): 851.05, 851.675, 851.8875, 851.925, 852.2, 852.35, 852.4375, 852.4625, 852.5375, 852.5625, 853.2125, 853.8, 854.0625, 854.0875, 854.3125, 854.3625, 854.4375. A new P25 trunked system is operational, but the Motorola system is still the primary.

NEWS MEDIA

These frequencies are those commonly used by D.C. news crews. Additional two-way frequency ranges will be authorized just for this event. Most will come from the UHF-TV band, starting at Ch.14 (470.0 MHz).

The RF and network pool rehearsal is scheduled for Sunday, Jan. 19, at 11 a.m. A media coordination repeater has been proposed (450.95 was used in 2013).

Several outlets have dismantled their radio networks and are rebuilding now to support the inauguration. ABC and CNN also use DMR systems. WTOP traffic mostly uses 30305 on the FleetTalk Connect Plus network.

One helicopter, *News 2* (N67CL), provides video to WTTG, WJLA and WUSA. WRC has its own helicopter, *News 1* (N98CL).

Local TV and Radio Stations

WRC NBC4- [d331/d306] 153.05-Desk/Helo; 450.45-Ch.1 Eng; 455.15-Ch.3 IFB (see NBC for Chs.2/4)

WTTG Fox5- [88.5/CSQ] 161.73-Desk/Eng/Helo.

WJLA ABC7- [d311] 450.1125r/s-Chs.1/3 Desk; 450.2625r/s-Chs.2/4 Eng./Helo; 455.55-Ch.5 Bldg. Ops.

WUSA CBS9- [141.3] 450.75-Ch.1 alt; 450.2125-Ch.2 alt; 450.0875-Ch.3 Eng./Helo.; 450.1875r-Ch.4 Desk

WMAL 105.9- [82.5/CSQ] 450.2375, 450.65, 455.2375

WTOP 103.5- [141.3/CSQ] 450.35, 455.65, FleetTalk

Television Networks

ABC- [136.5] 450.4125-IFB, 450.5875-DMR/455.5875, 450.65, 450.85-IFB, 455.0875-IFB, 455.25, 455.35, 455.5375, 455.7, 455.8125-DMR, 461.8875r-DMR, 496.0375s

CBS- [107.2/CSQ] 450.05, 450.15, 450.2875/455.2875, 450.4875, 450.5125/455.5125, 450.6125-IFB/455.6125, 450.7125, 450.75, 450.8-IFB/455.8, 455.0375, 455.2625

NBC- [d331/d306] 161.67-Desk; 450.55-Ch.2 IFB; 455.85-Ch.4 IFB; 450.3125r-Eng. Also see WRC.

Cable Networks

CNN– DMR network on 452.7, 462.275 and 464.9625. CNN will also need analog channels such as 450.1875, 450.675, 450.775, 450.8875 that were used previously.

C-SPAN- [D165] 450.5625r

Fox News– The Fox Washington Bureau holds a current license for four repeater and four simplex channels which we have yet to confirm in use. They are: 461.025r, 461.05r, 461.075, 461.1, 461.125, 461.15, 464.5r and 464.55r. Fox techs continue to use an expired license for [d243] 495.4375r and 495.4625r. They too will probably use 450/455 MHz channels as well.

Other Media

VOA- 412.2125, 412.2375, 412.775, 412.8125. See Chris Parris' blog for other USIA/VOA channels.

Washington Post- [d054] 860.1875r-citywide repeater; 855.7625r-bldg ops for K St. and Springfield plant.

PRESIDENTIAL INAUGURAL COMMITTEE (PIC) AND INAUGURAL EVENT SITES

For official inaugural event locations, see the 58th Presidential Inaugural Committee (PIC) website. On his blog, David Schoenberger has identified an STA filed by BearCom for a temporary 22-channel 20-watt 451-453 MHz DMR system (WQYS630) probably for use by PIC. That license includes eight 2-watt 461 MHz simplex chs.

Also, Blanchard Communications has applied for these 70 4-watt 452-470 MHz freqs for inaugural events.

The official inaugural balls are on the evening of Jan. 20 at the city's Walter E. Washington Convention Center. Other important sites include the Trump International Hotel, DC Armory, Union Station (see page 10), Washington National Cathedral and sites along the parade route such as the Canadian Embassy and Newseum.

Also note that the Convention Center now uses this Capacity Plus DMR system. Trump International Hotel has recently licensed these six simplex channels which may have replaced 464.3875.

453.0125 r	[DMR]	Conv Ctr (CC11)
453.9875 r	[DMR]	Conv Ctr Security (CC10-S2-G2)
461.5500 s	[88.5]	Conv Ctr CES Security
461.6750 r	[DMR]	Nat'l Cathedral PD (CC1-S1-G6)
461.8250 r	[DMR]	Newseum Security (CC8-S1-G1)
464.3750 r	[110.9]	RFK Stadium/DC Armory Sec.
464.3875 s	[DMR]	Trump Intl Sec (CC1-G1048677)
464.6750 r/s	[d306]	Canadian Embassy Security

These are just the primary/security channels from David Schoenberger. See his website for more channels on each venue. Several buildings will likely be designated for use as emergency shelters. Freqs for many of these facilities are on his website as well. In addition, his superb listing of verified frequencies for downtown D.C. includes more than 60 hotels!

MOBILIZATION for GLOBAL JUSTICE

DE-FUND the FUND! BREAK the BANK! DUMP the DEBT!

PROTESTER RADIOS

Better organized groups might realize they may be unable to rely on cell phones with so many users in town. Therefore, FRS, GMRS, MURS and itinerant freqs and perhaps even leased systems (such as Blanchard) could be used by such groups. See this RadioReference link and this other page for candidate freqs.

This audio file is from the April 16, 2000 IMF/World Bank protest which shows how organized demonstrators can be using just FRS radios.

CHM GET-TOGETHER THIS SUNDAY !!!

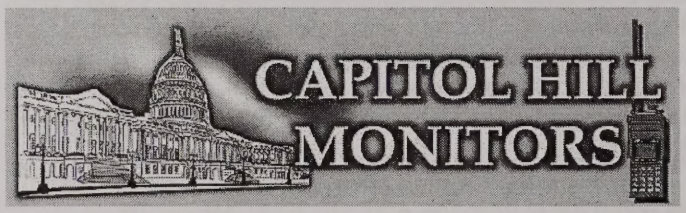
Ledo's Restaurant in College Park has reserved space for us at 2 p.m. Sunday, January 15, 2017. We have two guest speakers! David Schoenberger will share some of his tools for finding and documenting elusive radio users and Luke Berndt, the mastermind behind OpenMHz and the associated app, will tell us more about his website.

Ledo's often does a few group checks with 20 percent added for tip. We'll just have to split it up on our own. So please bring extra $1's with you! The restaurant is at 4509 Knox Rd near the Univ. of Maryland off Route 1. Free public parking on Sunday! No need to RSVP, just show up! **EVERYBODY'S WELCOME TO COME**.

The Capitol Hill Monitor
c/o Alan Henney
6912 Prince George's Avenue
Takoma Park, MD 20912-5414

This is the 2017 CHM Inauguration Edition!

CHM GET-TOGETHER SCHEDULED THIS SUNDAY, Jan.15, 2017, IN COLLEGE PARK. See p.11.



Please address all correspondence to Alan. We encourage readers to submit material and write articles that relate to the hobby. All submissions are subject to editing for style and content. When submitting material please make certain we can contact you should we have any questions. We welcome frequency and visitor requests, but please include a reply envelope.

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The *Capitol Hill Monitor* is the non-profit newsletter of the Capitol Hill Monitors. The newsletter keeps scanner enthusiasts abreast of local meetings, frequency profiles and other topics of interest. Dues are $10 and include 12 issues (back issues cost $1 each). Kindly make checks payable to Alan Henney. Membership will be prorated accordingly in the event of a postage increase.

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The *Capitol Hill Monitor* newsletter is converting to electronic distribution. "Snail mail" distribution will continue for the time being at the current cost of $10 for 12 issues (**please do not send more than $10**!). Since the newsletter is provided at cost, the online version is available for free. To receive the online version, please send an e-mail to alan@henney.com. When the next issue is available, you will receive an e-mail with a link and list of topics for that issue. We welcome your input, suggestions and article submissions.